

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010658

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F9/445 E21B33/035 E21B43/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 422 315 B1 (DEAN QUENTON WAYNE) 23 July 2002 (2002-07-23) column 5, line 36 - line 39; figure 17 column 14, line 25 - line 29 column 11, line 15 - line 28 -----	1-13
Y	US 2002/159439 A1 (MARSH ANITA B ET AL) 31 October 2002 (2002-10-31) page 1, paragraph 4 - paragraph 12; figures 2,4 page 4, paragraph 51 - paragraph 52 -----	1-13
Y	US 2002/180798 A1 (MAHONEY MARGARET MARY ET AL) 5 December 2002 (2002-12-05) paragraph '0008!; figure 1 paragraph '0035! - paragraph '0037! paragraph '0039! ----- -/-	2-4,9, 10,12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- 'A' document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

17 January 2005

Date of mailing of the international search report

24/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 202 208 B1 (HOLIDAY JR MATTHEW R) 13 March 2001 (2001-03-13) column 2, line 31 - line 39; figure 1 column 3, line 18 - line 27 -----	4,12
Y	US 2002/174010 A1 (RICE JAMES L) 21 November 2002 (2002-11-21) paragraph '0215! - paragraph '0217!; figures 8,13 -----	5
A	US 5 941 305 A (PATTON MARK V ET AL) 24 August 1999 (1999-08-24) column 5, line 1 - line 15; figures 1,4 column 5, line 36 - line 39 column 10, line 29 - line 42 -----	1,8
A	WO 02/36936 A (HARDING RICHARD PATRICK ;BASSETT LONNIE (US); WEATHERFORD LAMB (US) 10 May 2002 (2002-05-10) page 8, line 25 - page 11, line 32; figures 1,2 -----	1,8

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Information on patent family members

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